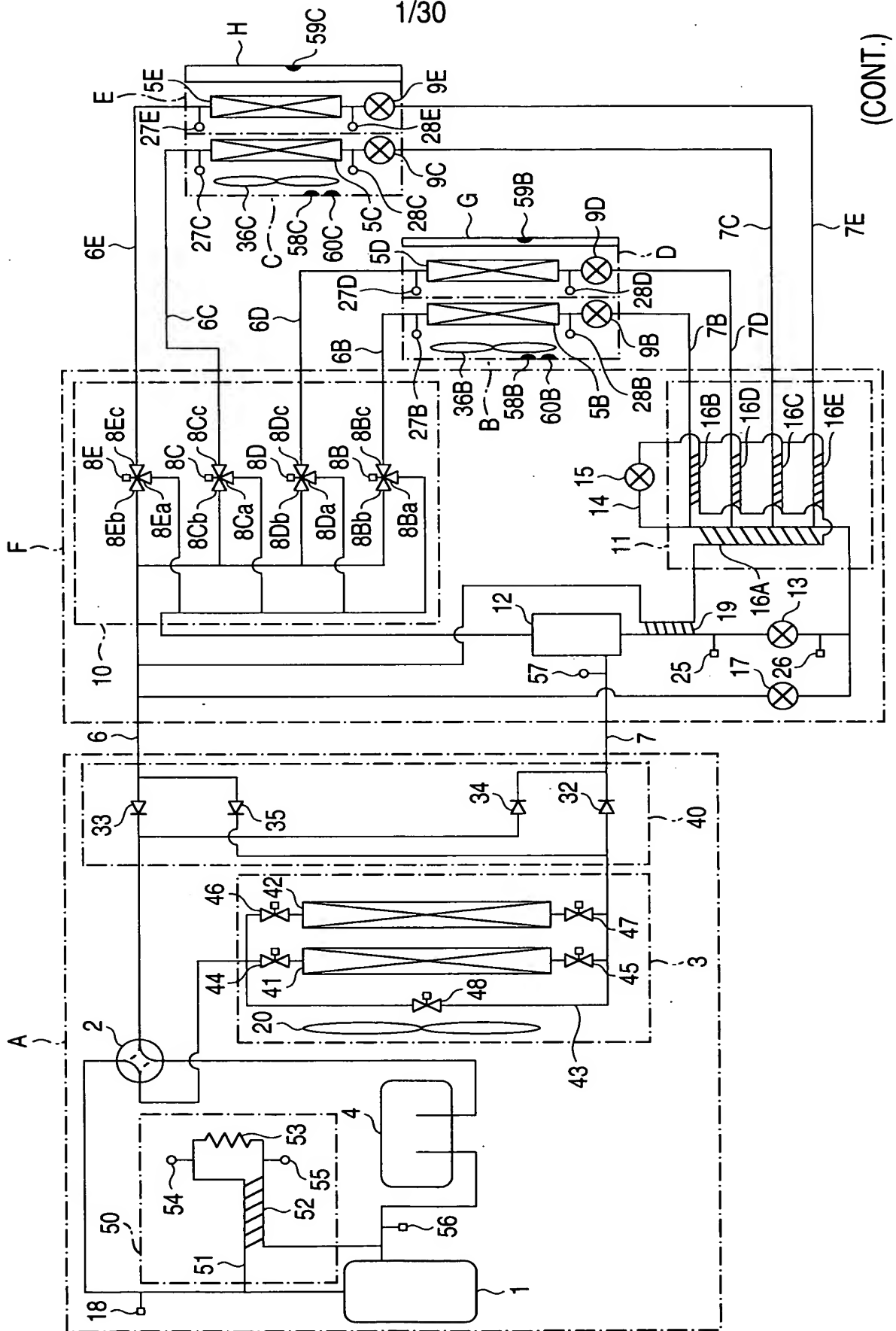


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FIG. 1



(CONT.)

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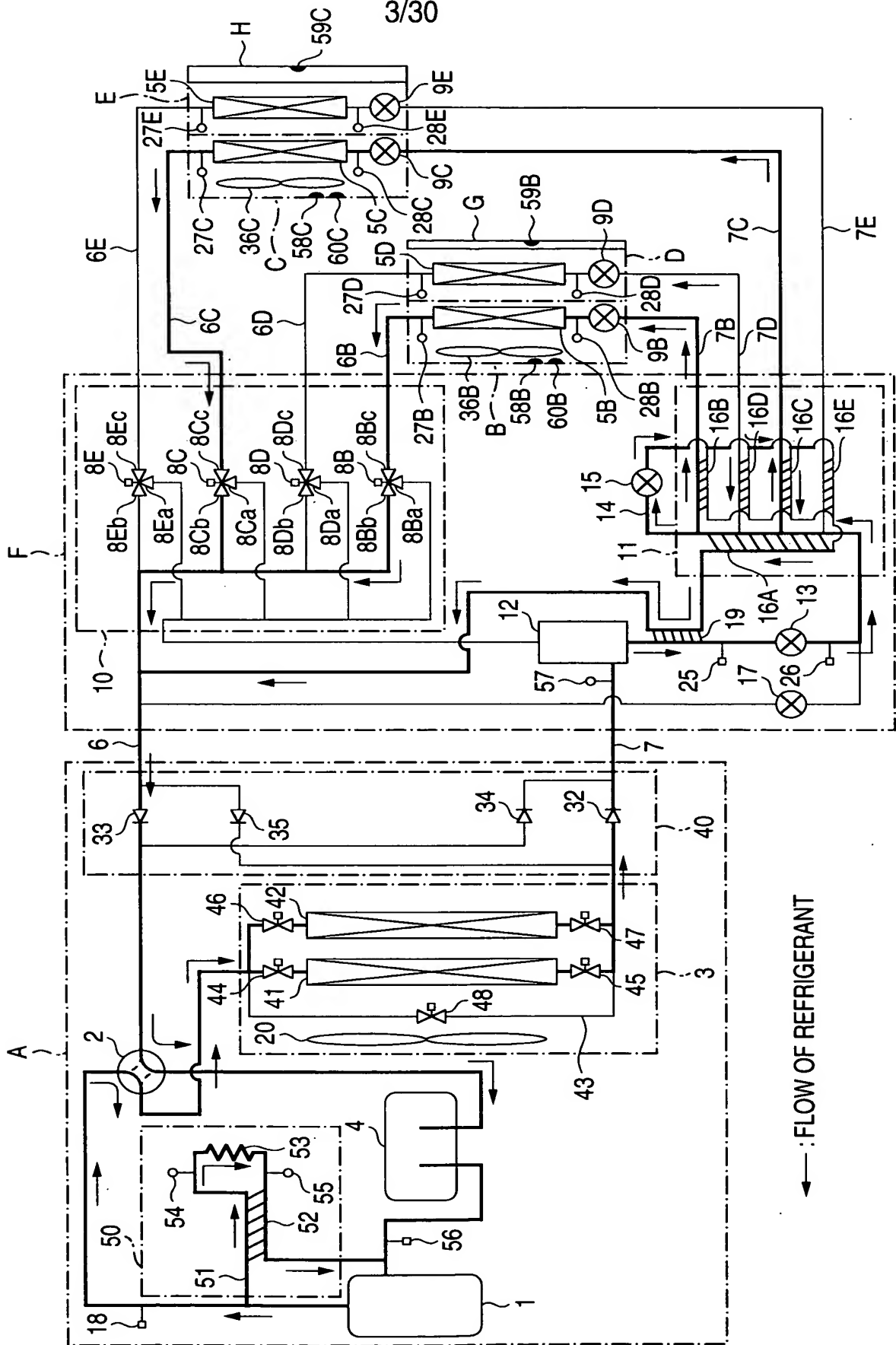
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(FIG. 1 CONTINUED)

- A: HEAT SOURCE DEVICE
 B, C: STANDARD INDOOR UNIT
 D, E: REHEATER
 F: RELAY DEVICE
 1: COMPRESSOR
 2: FOUR-WAY REVERSING VALVE
 3: HEAT SOURCE DEVICE HEAT EXCHANGER
 4: ACCUMULATOR
 5B, 5C: INDOOR HEAT EXCHANGER
 5D, 5E: REHEATER HEAT EXCHANGER
 6: FIRST CONNECTING PIPE
 7: SECOND CONNECTING PIPE
 6B-6E: FIRST CONNECTING PIPE ON THE INDOOR UNIT/REHEATER SIDE
 7B-7E: SECOND CONNECTIN PIPE ON THE INDOOR UNIT/REHEATER SIDE
 8B-8E: THREE-WAY REVERSING VALVE
 9B-9E: FIRST FLOW CONTROLLER
 10: FIRST BRANCHING PORTION
 11: SECOND BRANCHING PORTION
 12: GAS-LIQUID SEPARATOR
 13: SECOND FLOW CONTROLLER
 14: FIRST BYPASS PIPE
 15: THIRD FLOW CONTROLLER
 16A: SECOND HEAT EXCHANGING PORTION
 16B-16E: THIRD HEAT EXCHANGING PORTION
 17: FOURTH FLOW CONTROLLER
 18: FOURTH PRESSURE DETECTING MEANS
 19: FIRST HEAT EXCHANGING PORTION
 20: HEAT SOURCE DEVICE BLOWER
 25: FIRST PRESSURE DETECTING MEANS
 26: SECOND PRESSURE DETECTING MEANS
 27B-27E: FOURTH TEMPERATURE DETECTING MEANS
 28B-28E: FIFTH TEMPERATURE DETECTING MEANS
 32: FIRST CHECK VALVE
 33: SECOND CHECK VALVE
 34: THIRD CHECK VALVE
 35: FOURTH CHECK VALVE
 36B, 36C: INDOOR UNIT FAN
 40: HEAT SOURCE DEVICE SWITCHING VALVE
 41, 42: FIRST, SECOND HEAT SOURCE DEVICE HEAT EXCHANGERS
 43: HEAT SOURCE DEVICE HEAT EXCHANGER BYPASS PIPE
 44-48: FIRST TO FIFTH ELECTROMAGNETIC CONTROL VALVES
 50: FIRST CIRCULATING COMPOSITION DETECTING DEVICE
 51: SECOND BYPASS PIPE
 G, H: HUMIDIFIER
 52: FOURTH HEAT EXCHANGING PORTION
 53: FIRST PRESSURE REDUCING DEVICE
 54: FIRST TEMPERATURE DETECTING MEANS
 55: SECOND TEMPERATURE DETECTING MEANS
 56: FIFTH PRESSURE DETECTING MEANS
 57: THIRD TEMPERATURE DETECTING MEANS
 58: TEMPERATURE DETECTING MEANS
 59: SIXTH TEMPERATURE DETECING MEANS
 60: SEVENTH TEMPERATURE DETECTING MEANS

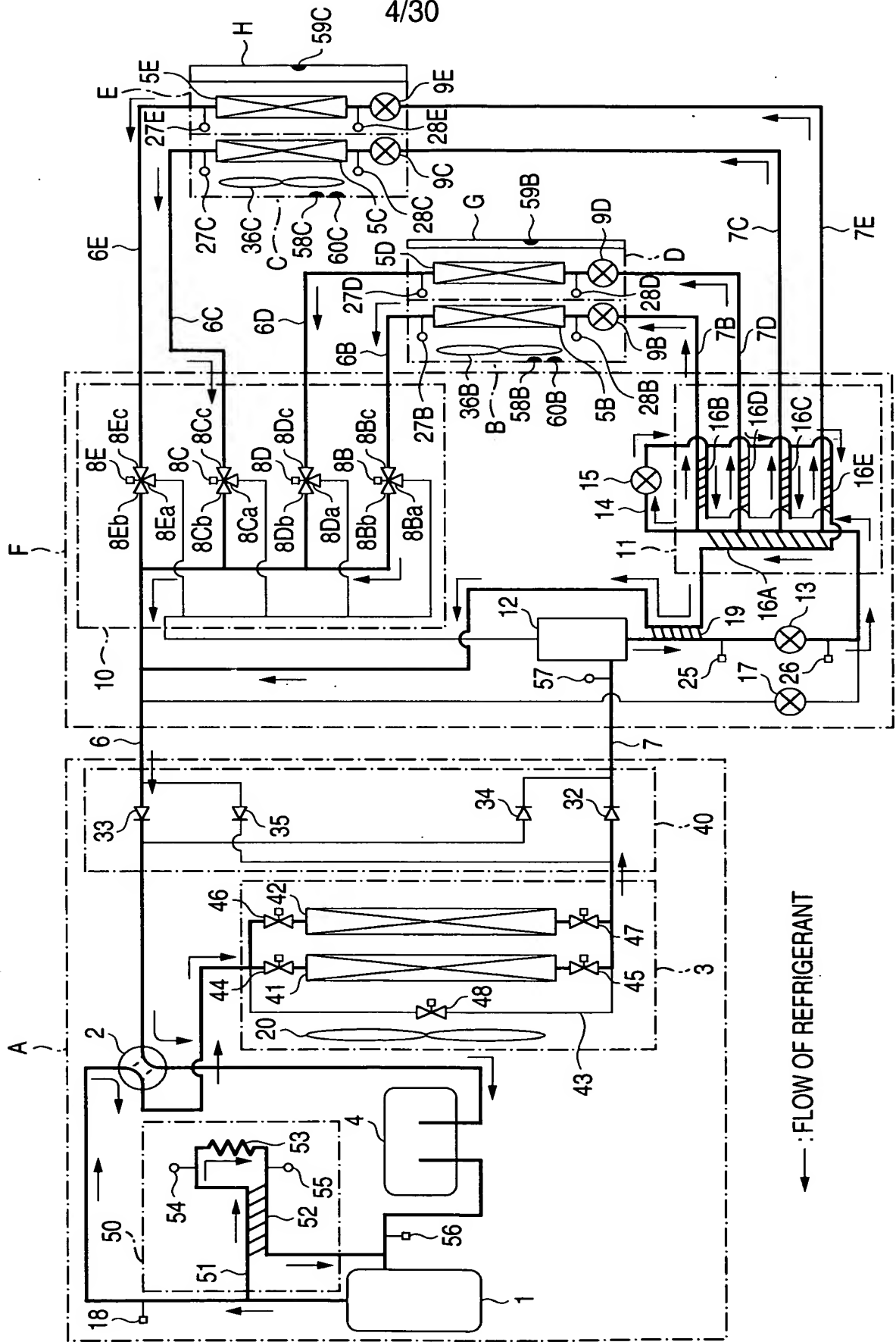
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FIG. 2



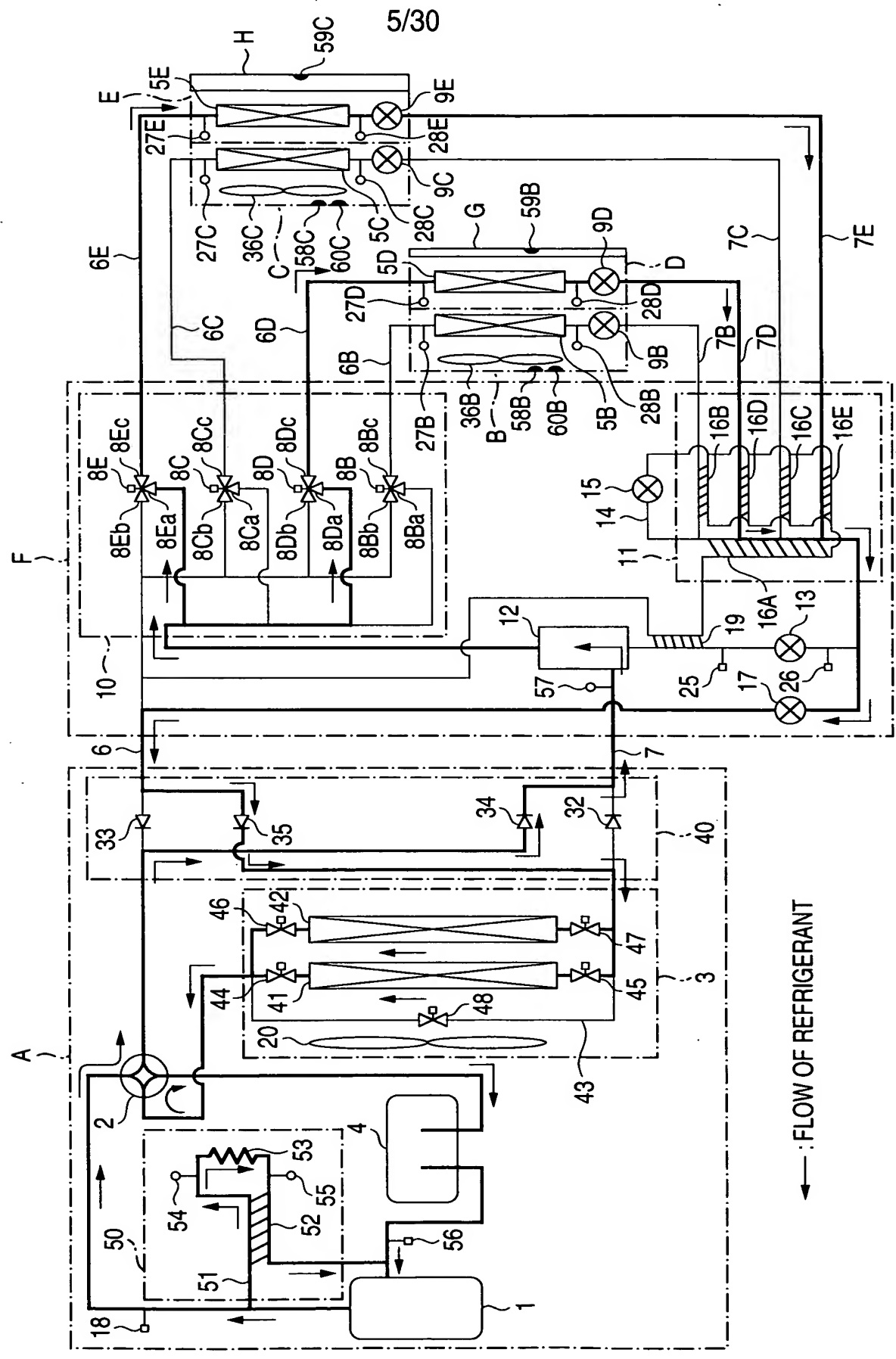
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FIG. 3



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FIG. 4



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FIG. 5

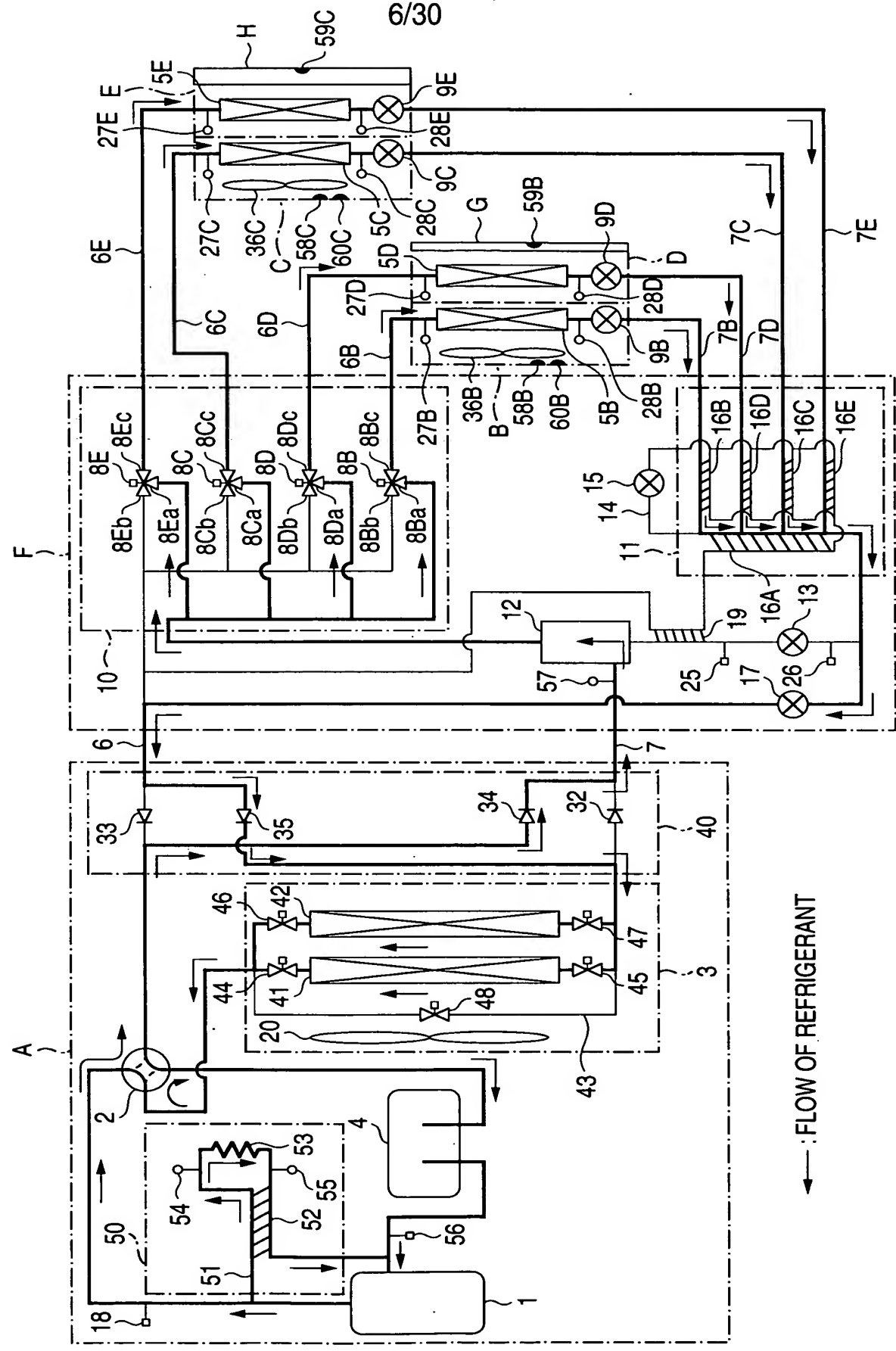


FIG. 6

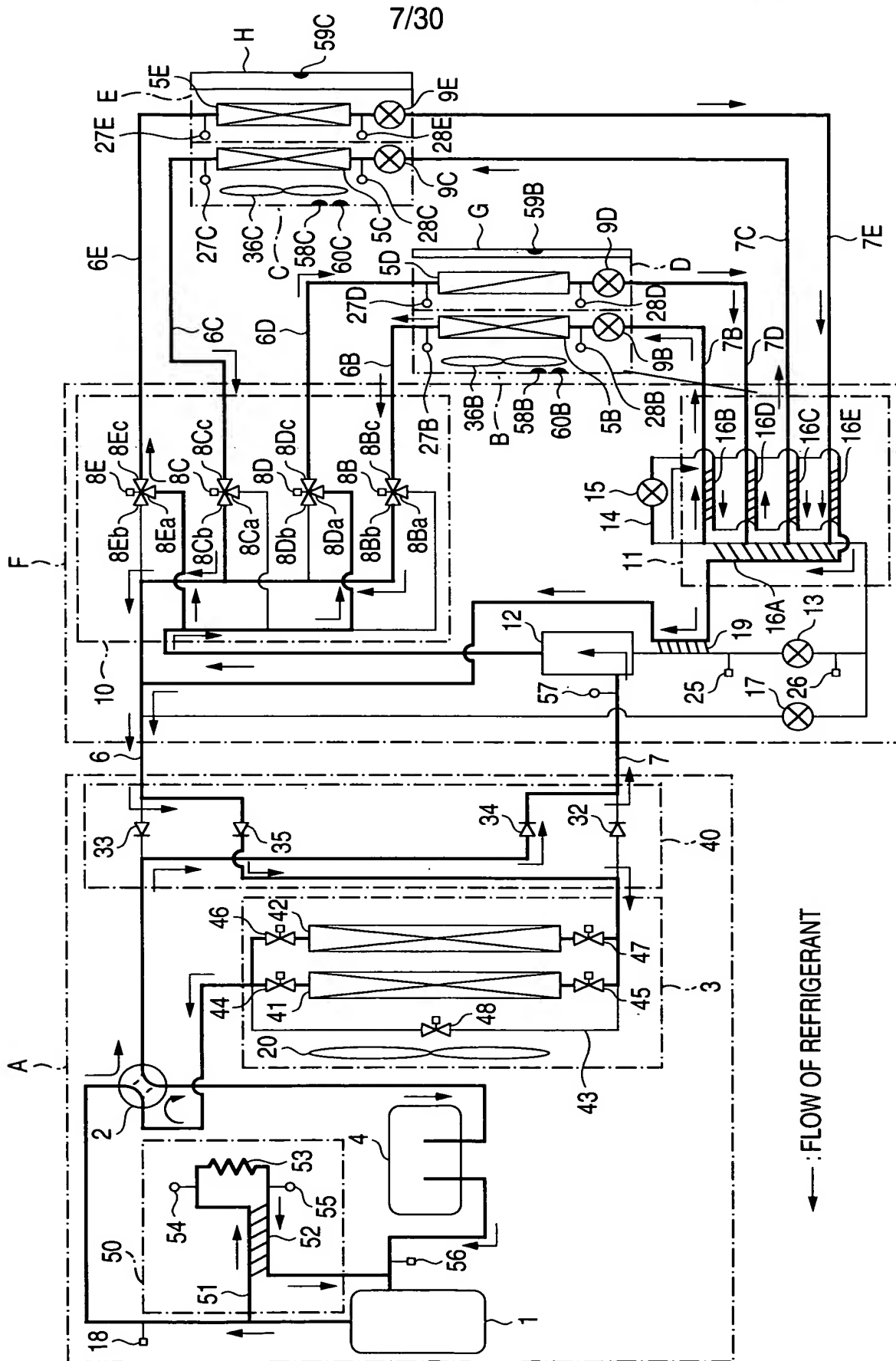


FIG. 7

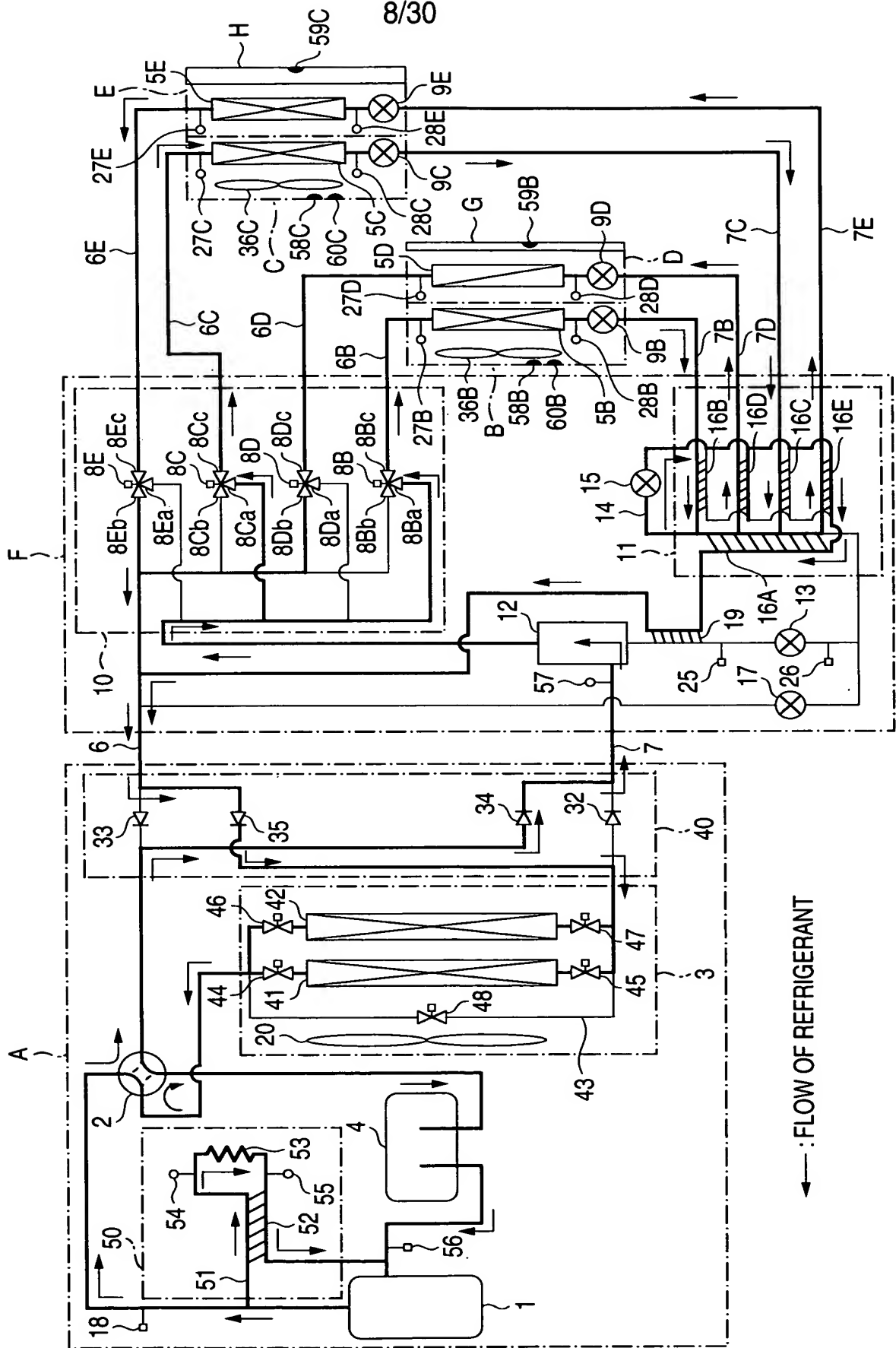


FIG. 8

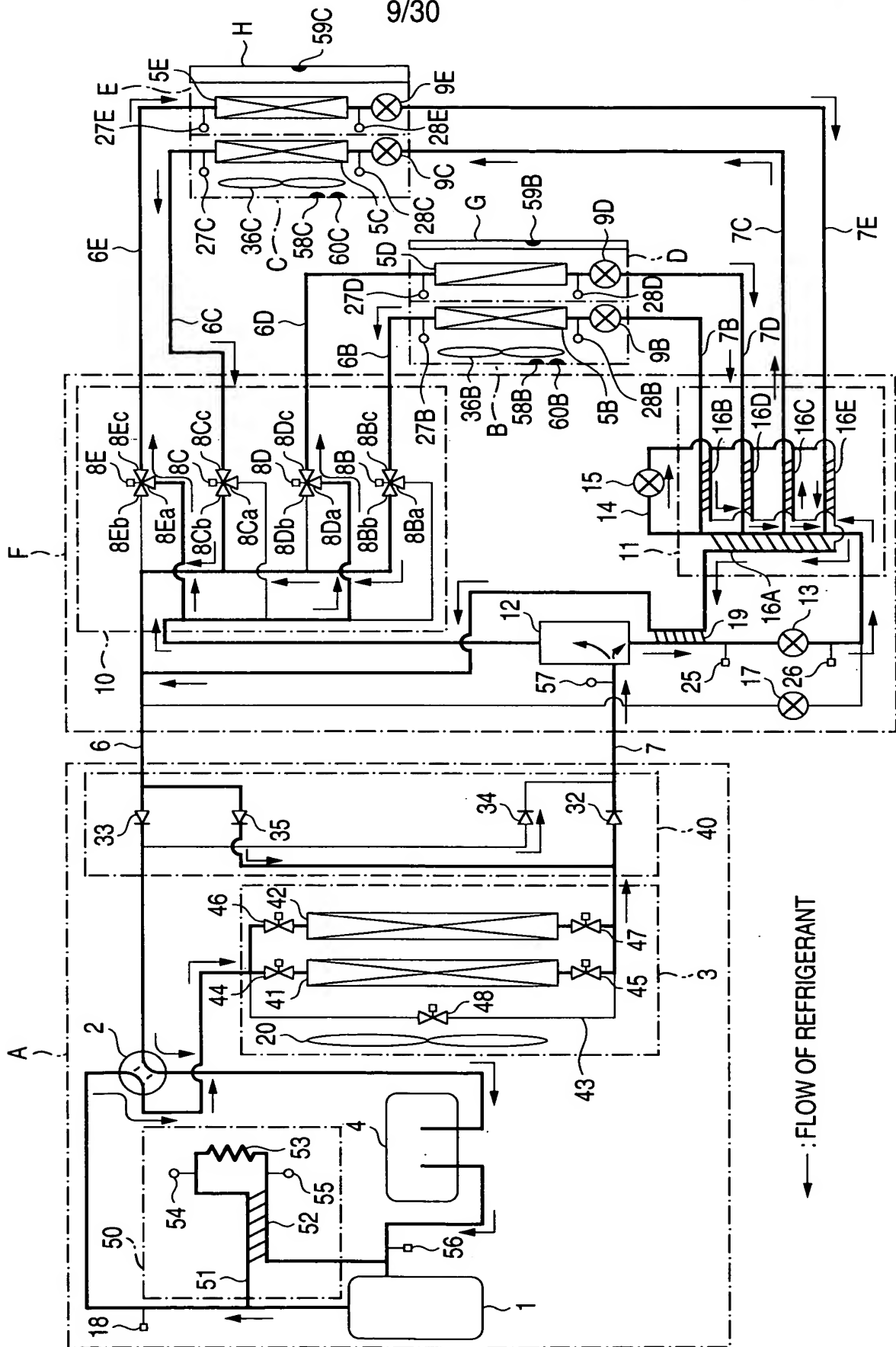
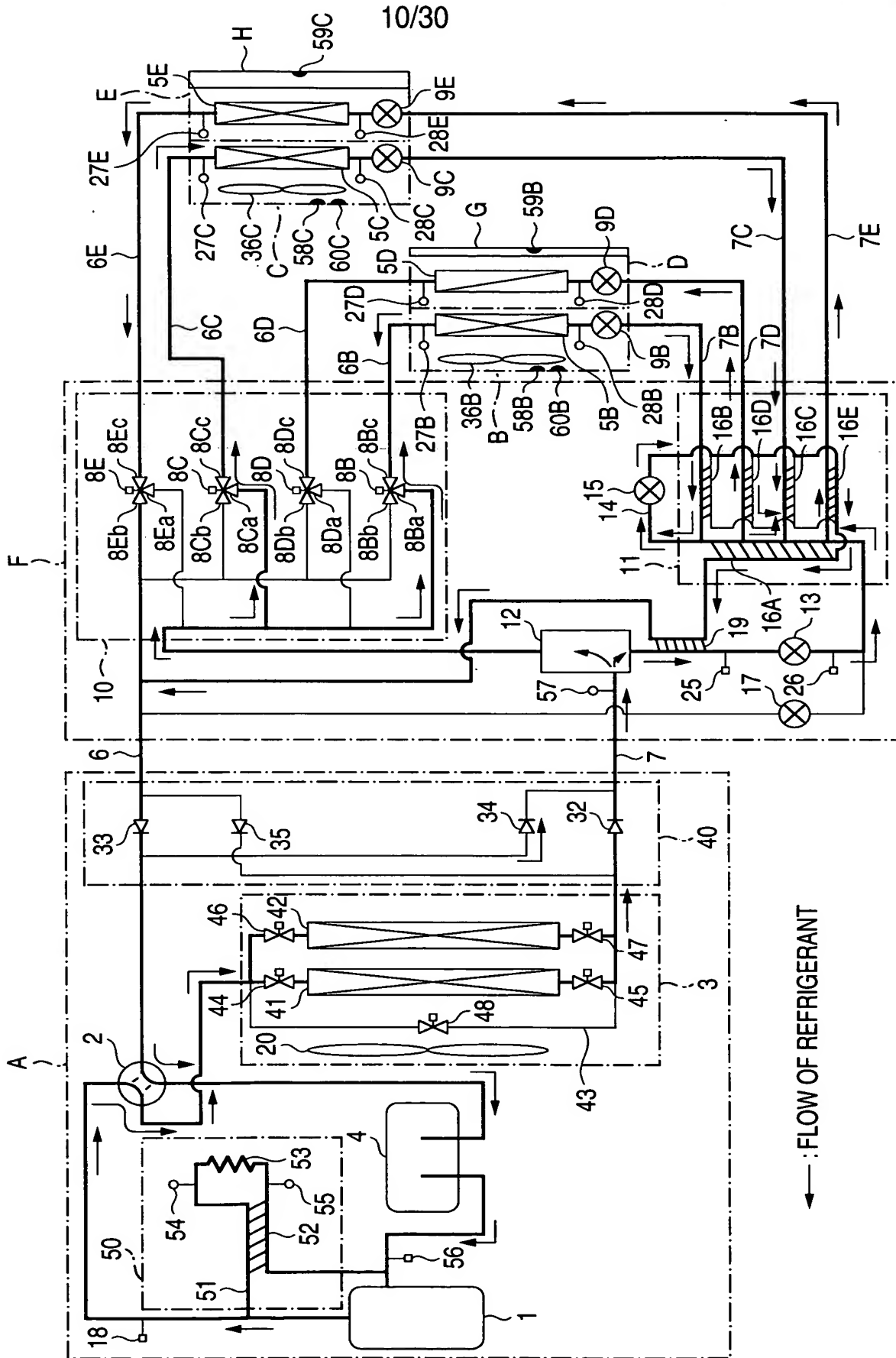
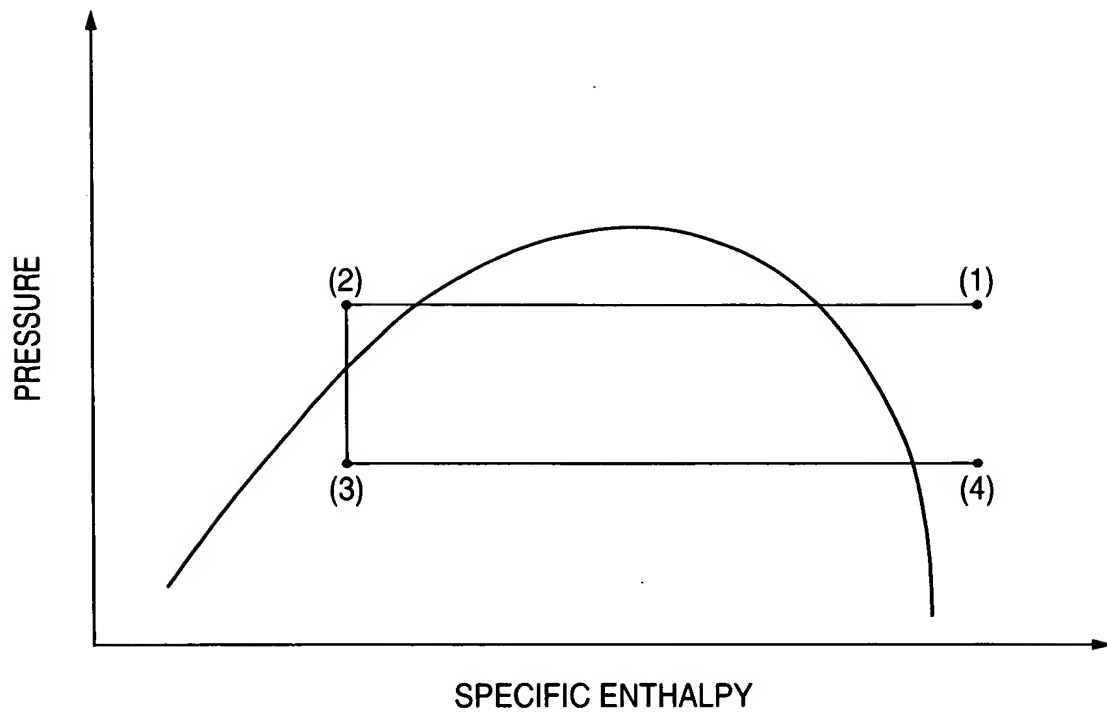


FIG. 9



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FIG. 10



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FIG. 11

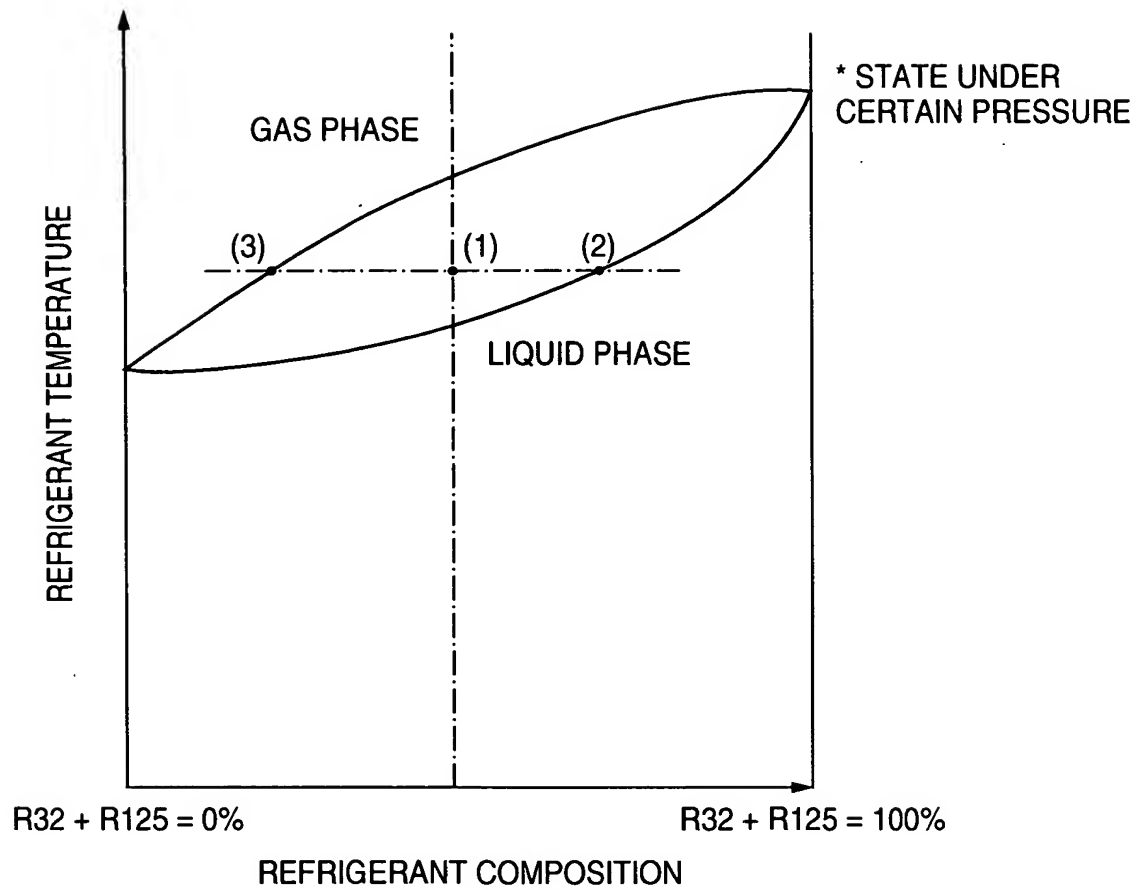
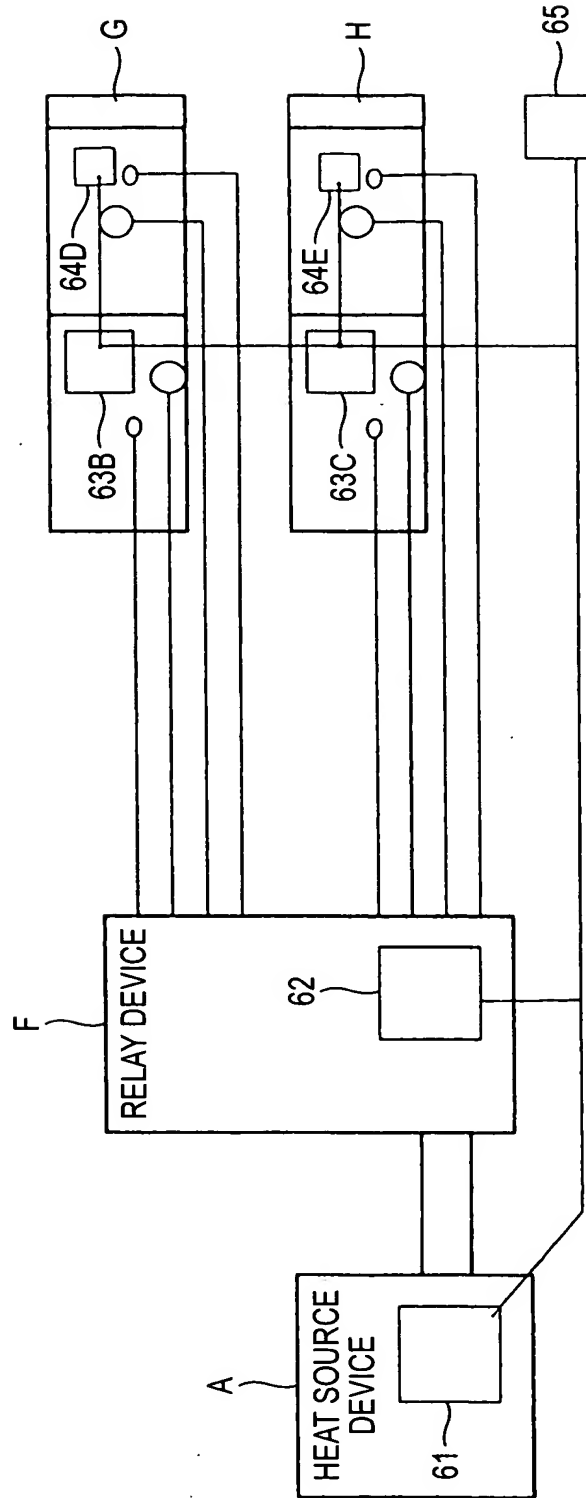


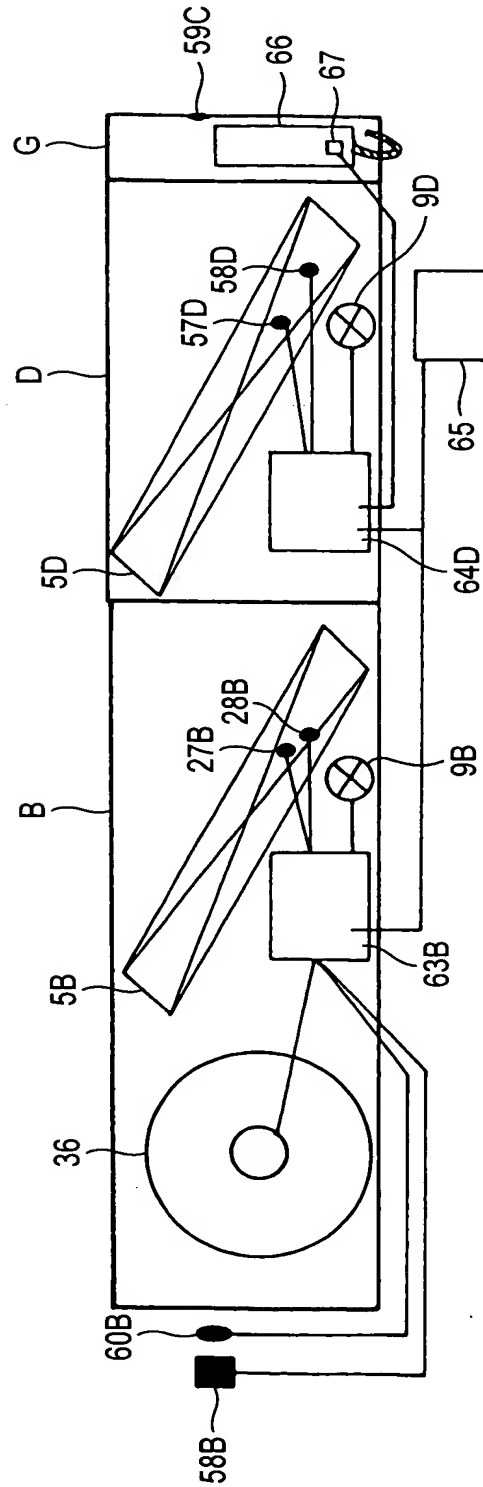
FIG. 12



- 61: HEAT SOURCE DEVICE CONTROL BOX
- 62: RELAY CONTROL BOX
- 63B, 63C: STANDARD INDOOR UNIT CONTROL BOX
- 64D, 64E: REHEATER CONTROL BOX
- 65: REMOTE CONTROLLER

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FIG. 13

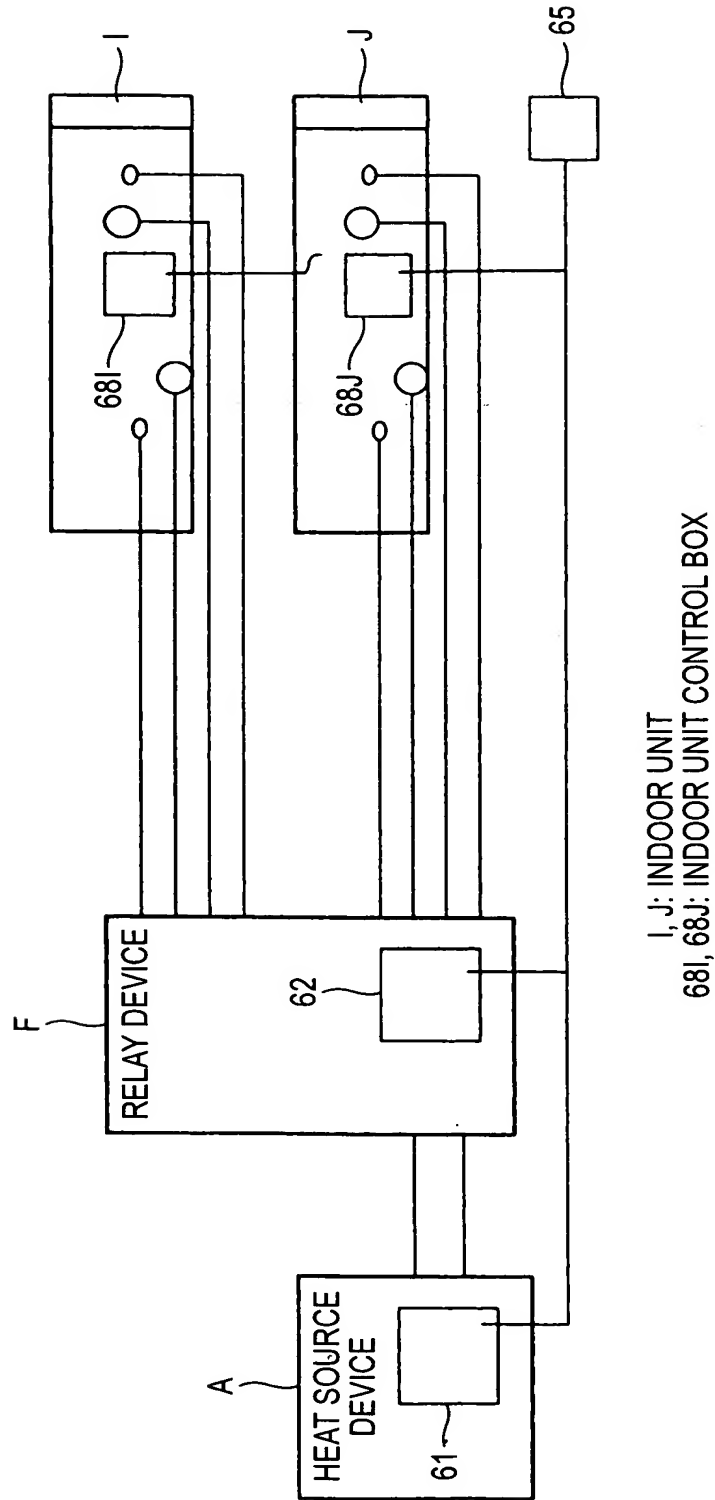


66: WATER TANK
 67: WATER SUPPLY ADJUSTING VALVE

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FIG. 14



I, J: INDOOR UNIT
68I, 68J: INDOOR UNIT CONTROL BOX

FIG. 15

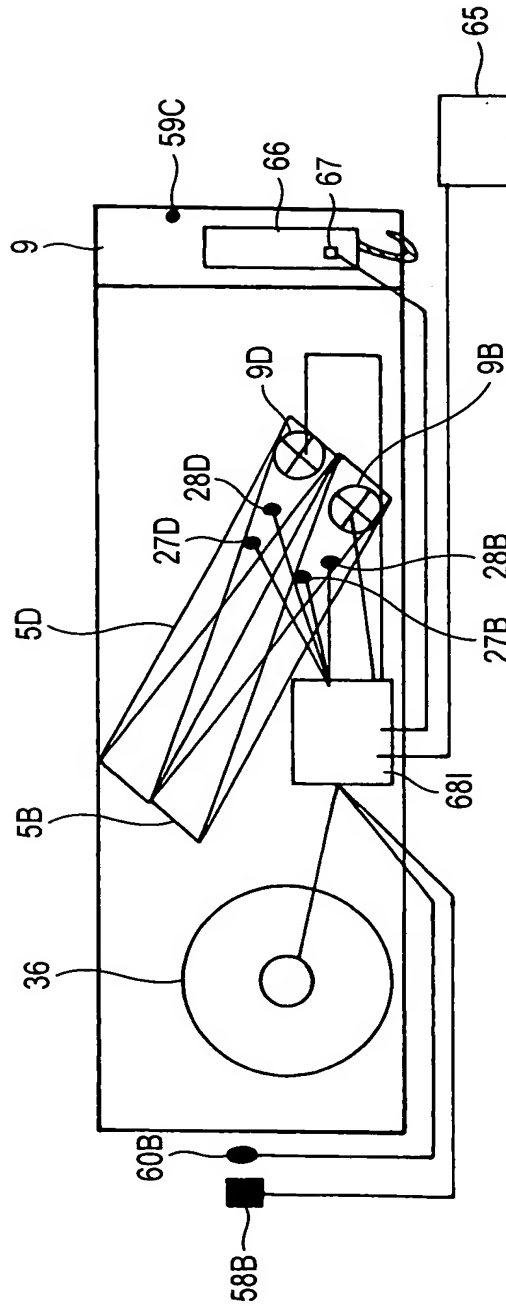
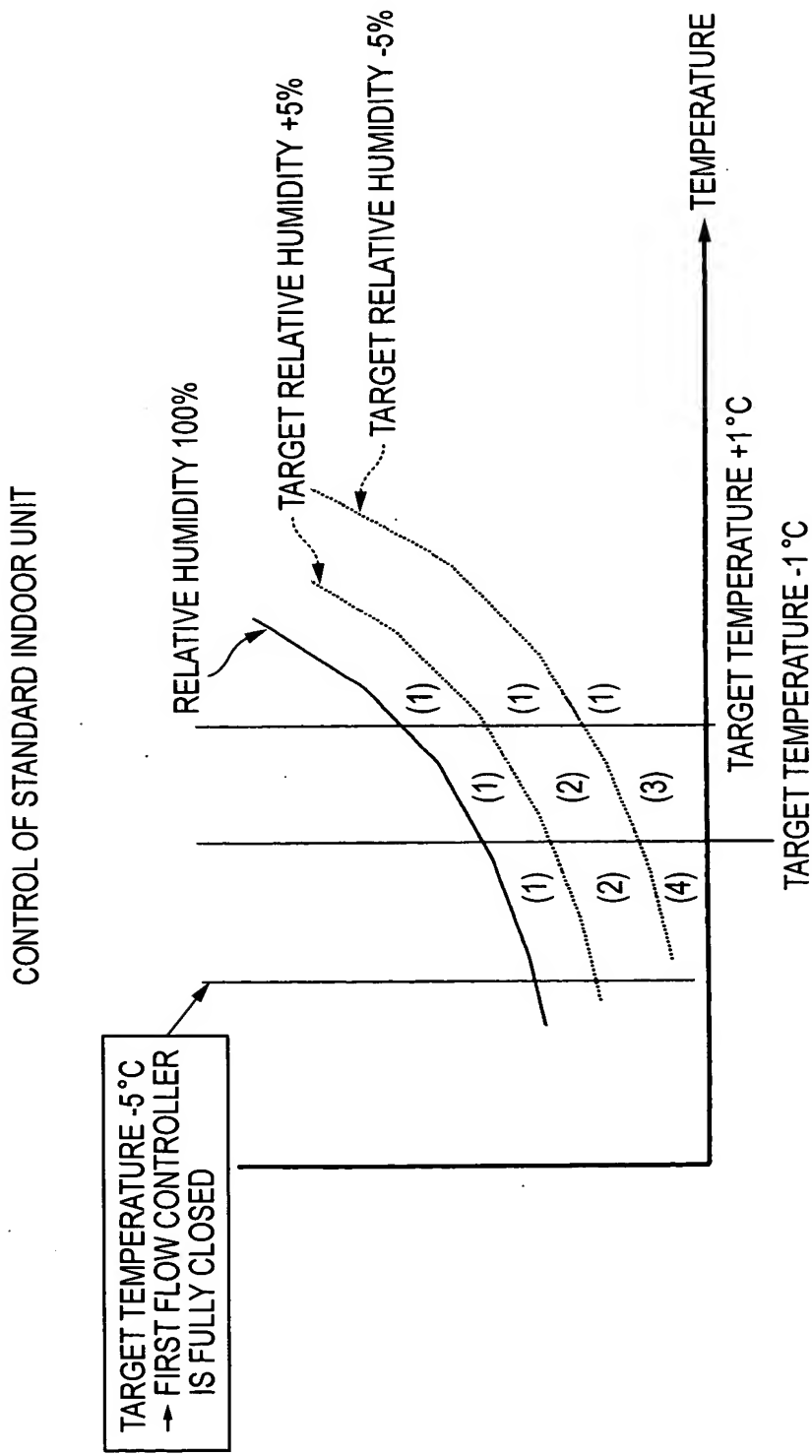


FIG. 16A



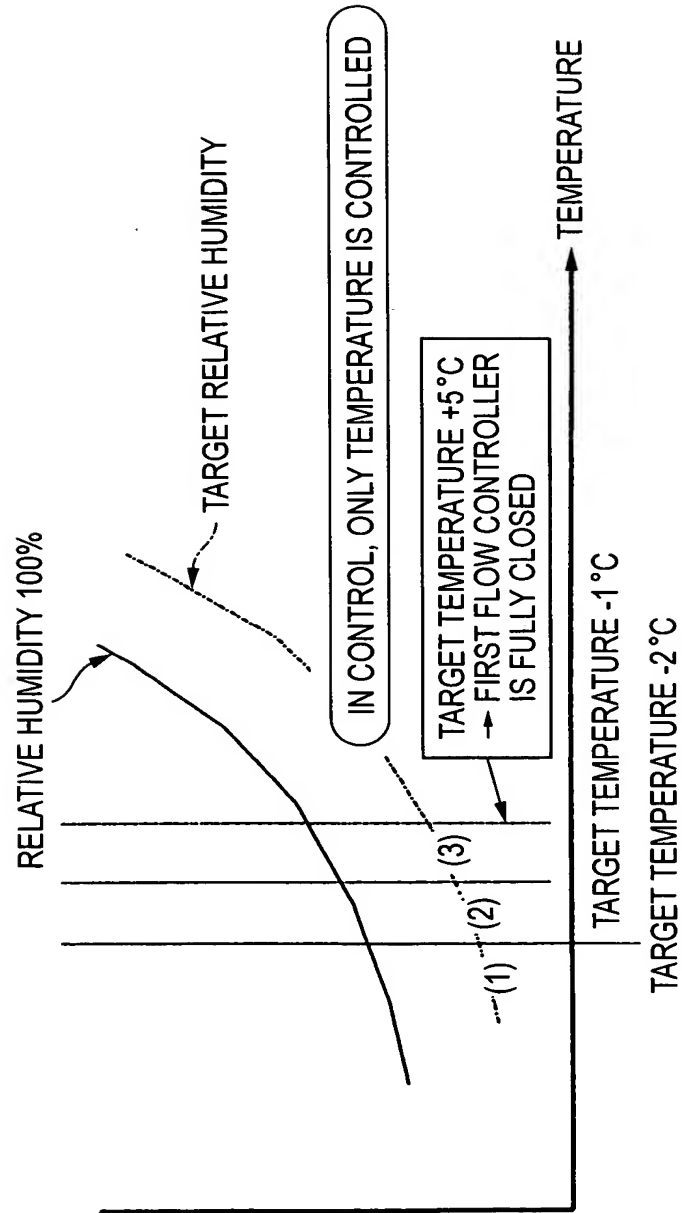
- (1) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET SH = 5
- (2) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET SH = 15
- (3) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET SH = 25
- (4) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET SH = 35

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FIG. 16B

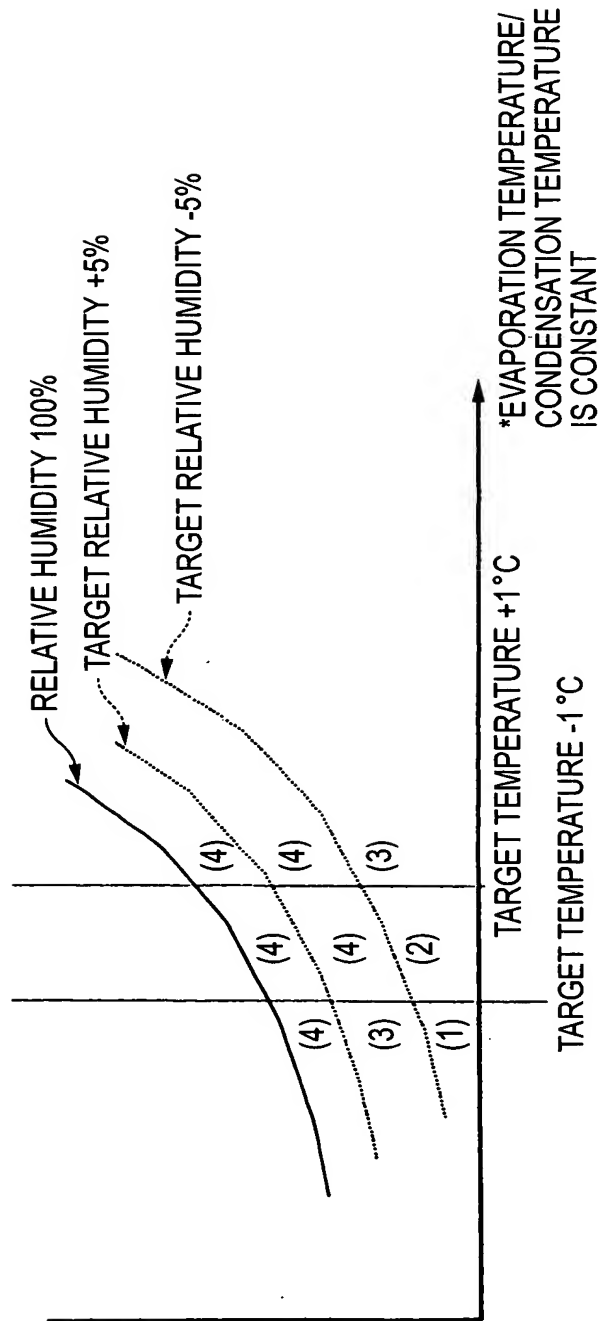
CONTROL OF REHEATER



- (1) REHEATER HEAT EXCHANGER TARGET SC = 10
 (2) REHEATER HEAT EXCHANGER TARGET SC = 25
 (3) REHEATER HEAT EXCHANGER TARGET SC = 50

FIG. 16C

CONTROL OF HUMIDIFIER



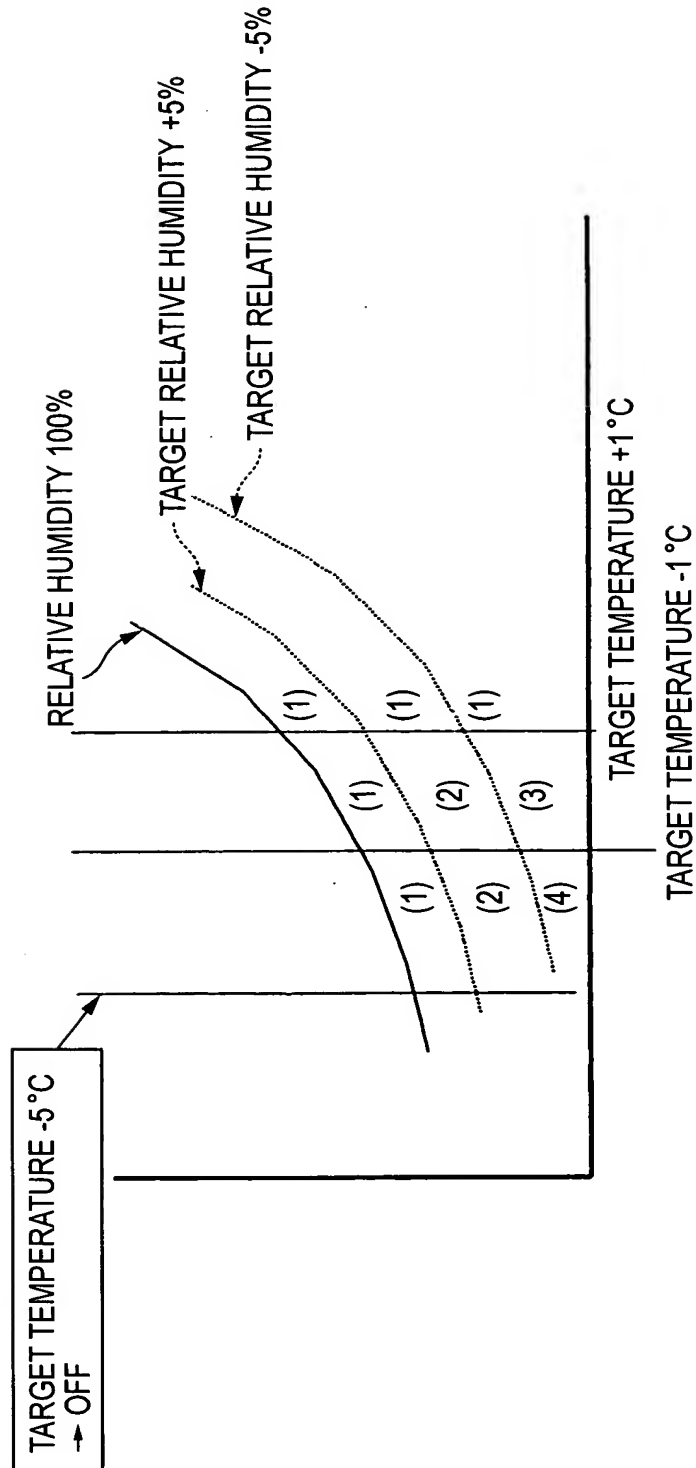
- (1) AMOUNT OF HUMIDIFICATION = 100%
- (2) AMOUNT OF HUMIDIFICATION = 50%
- (3) AMOUNT OF HUMIDIFICATION = 25%
- (4) AMOUNT OF HUMIDIFICATION = 0%

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FIG. 17A

CONTROL OF STANDARD INDOOR UNIT



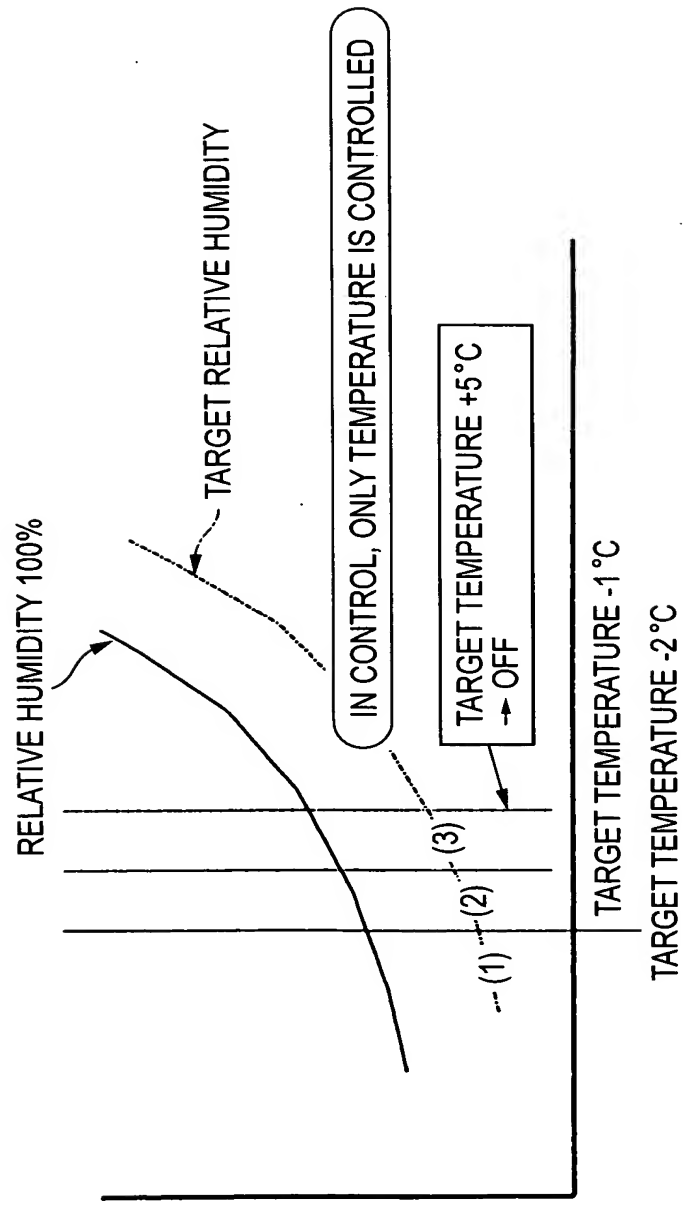
- (1) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET EVAPORATION TEMPERATURE = 0 °C
 (2) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET EVAPORATION TEMPERATURE = 5 °C
 (3) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET EVAPORATION TEMPERATURE = 10 °C
 (4) STANDARD INDOOR UNIT HEAT EXCHANGER TARGET EVAPORATION TEMPERATURE = 50 °C

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FIG. 17B

CONTROL OF REHEATER



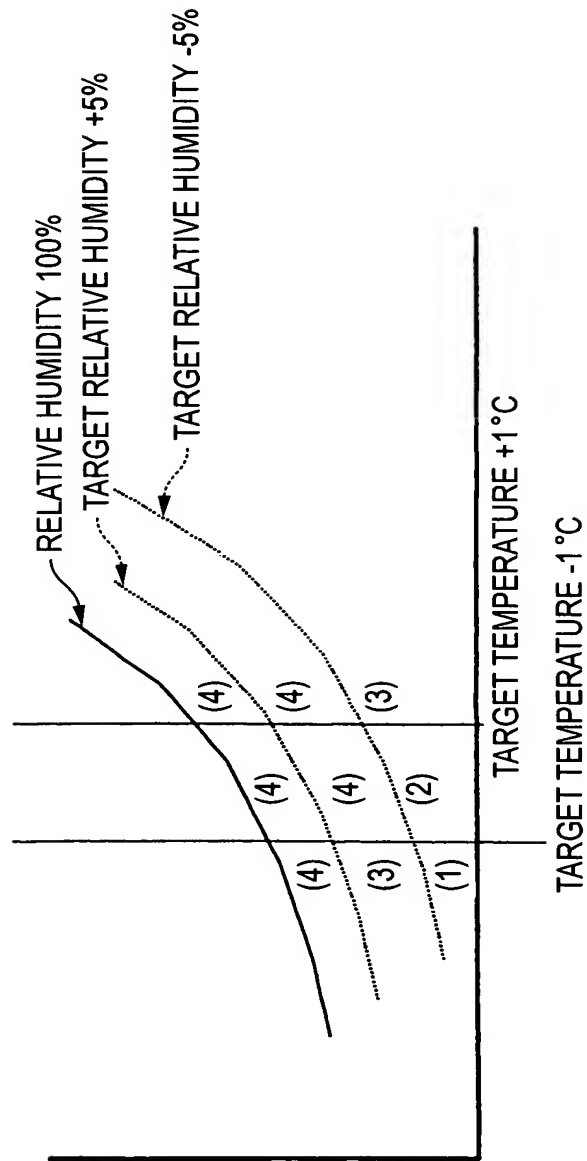
- (1) REHEATER HEAT EXCHANGER TARGETCONDENSATION TEMPERATURE = 50 °C
- (2) REHEATER HEAT EXCHANGER TARGETCONDENSATION TEMPERATURE = 40 °C
- (3) REHEATER HEAT EXCHANGER TARGETCONDENSATION TEMPERATURE = 30 °C

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FIG. 17C

CONTROL OF HUMIDIFIER

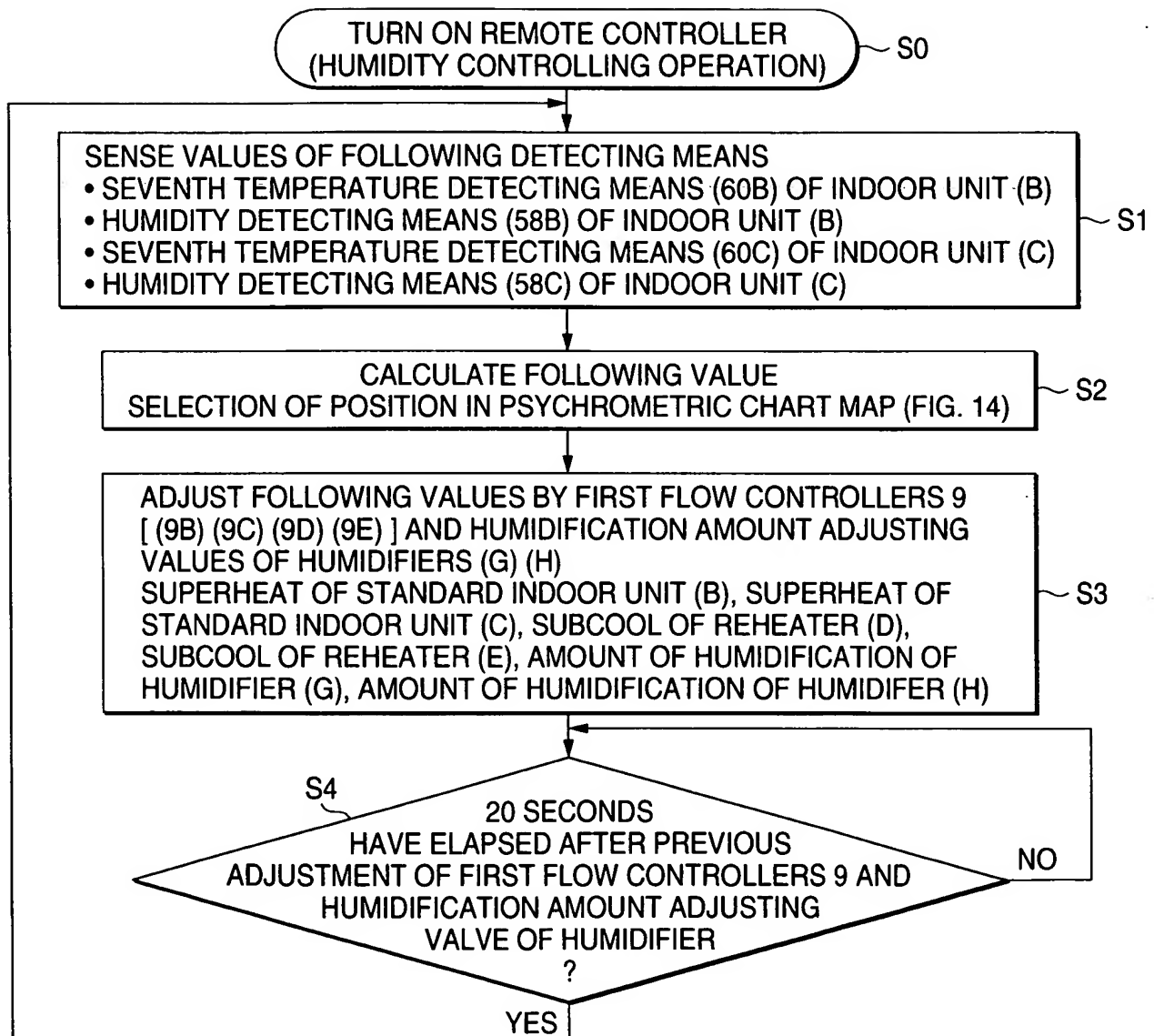


- (1) AMOUNT OF HUMIDIFICATION = 100%
- (2) AMOUNT OF HUMIDIFICATION = 50%
- (3) AMOUNT OF HUMIDIFICATION = 25%
- (4) AMOUNT OF HUMIDIFICATION = 0%

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FIG. 18



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FIG. 19

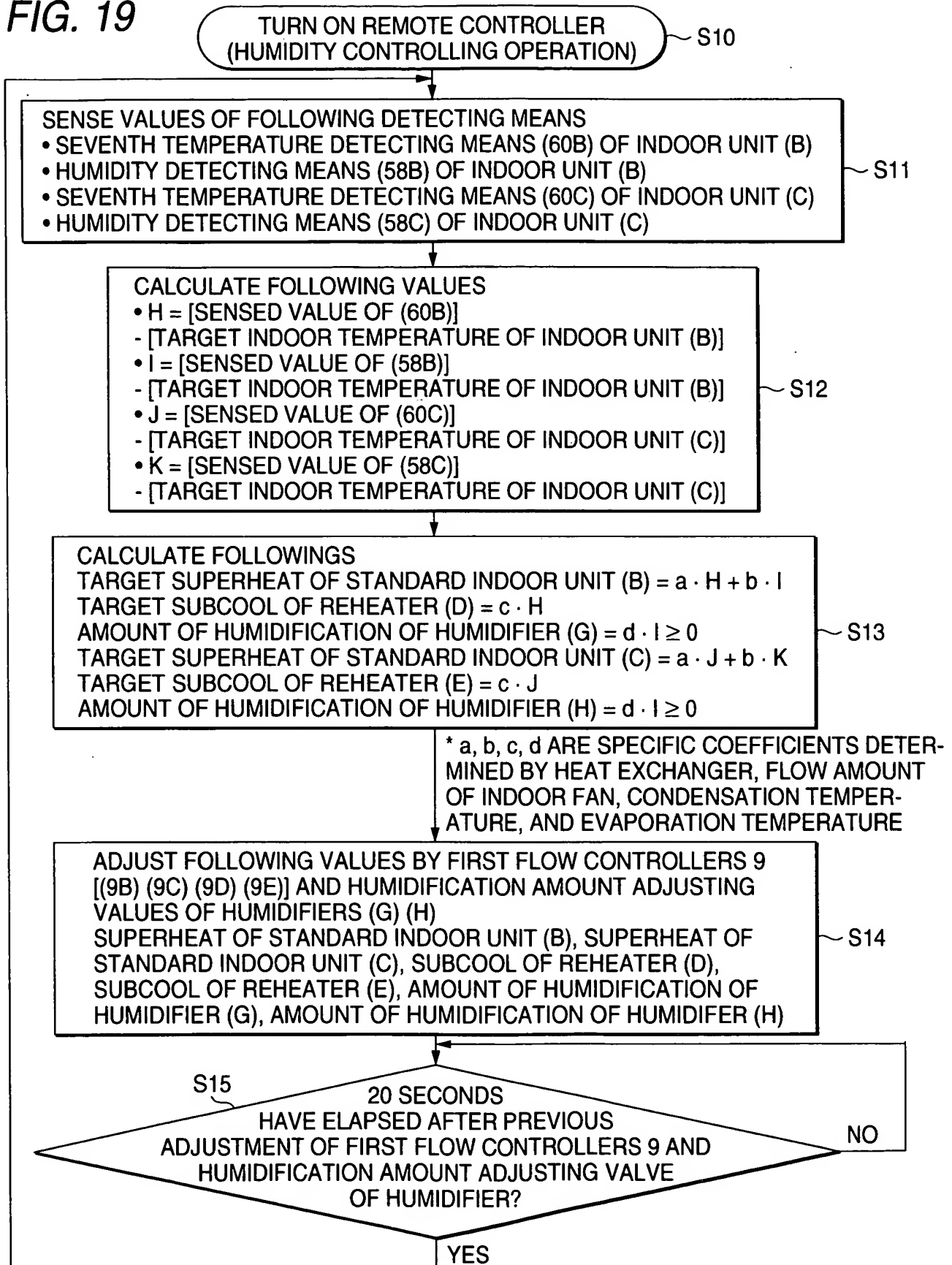
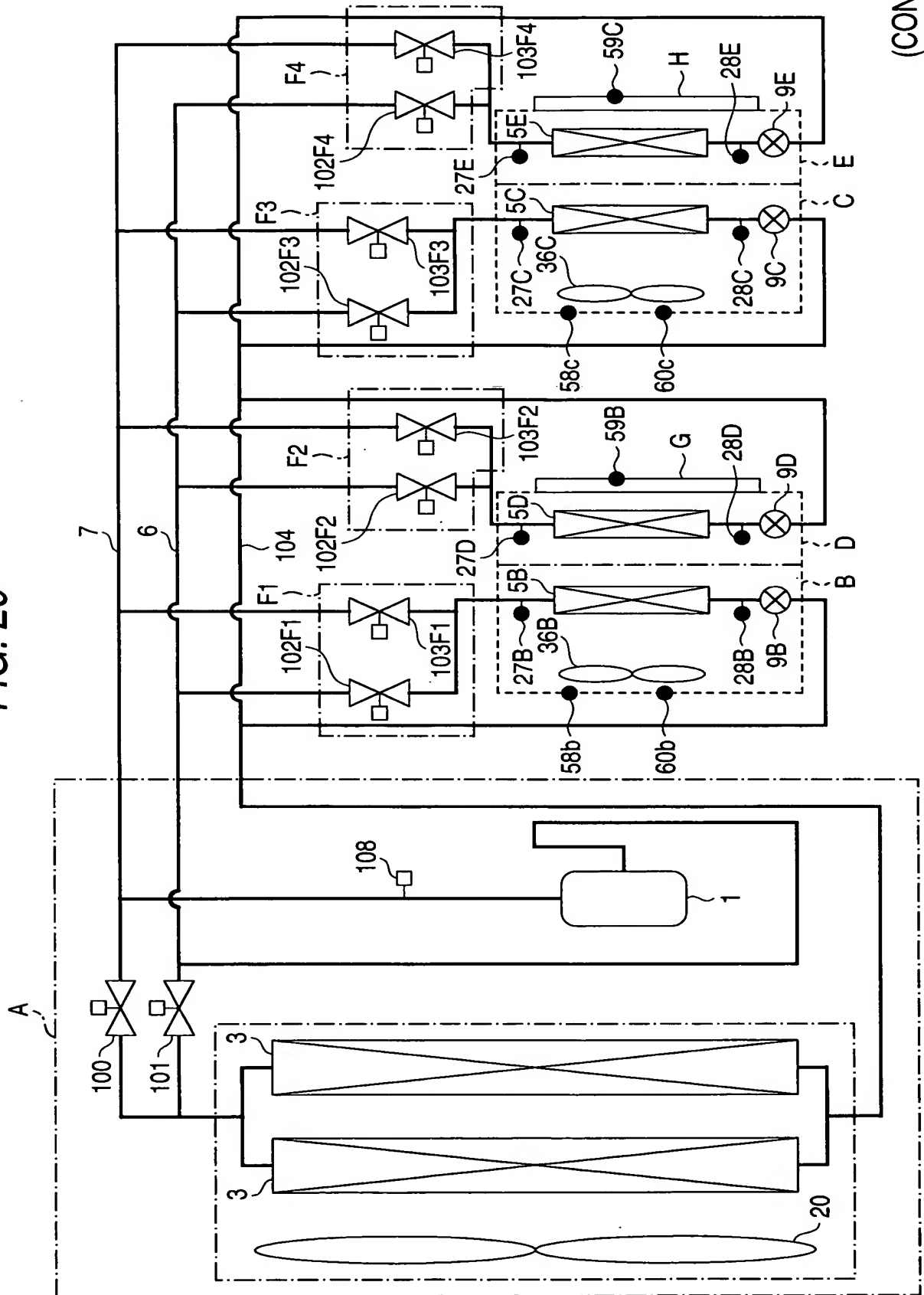


FIG. 20



(FIG. 20 CONTINUED)

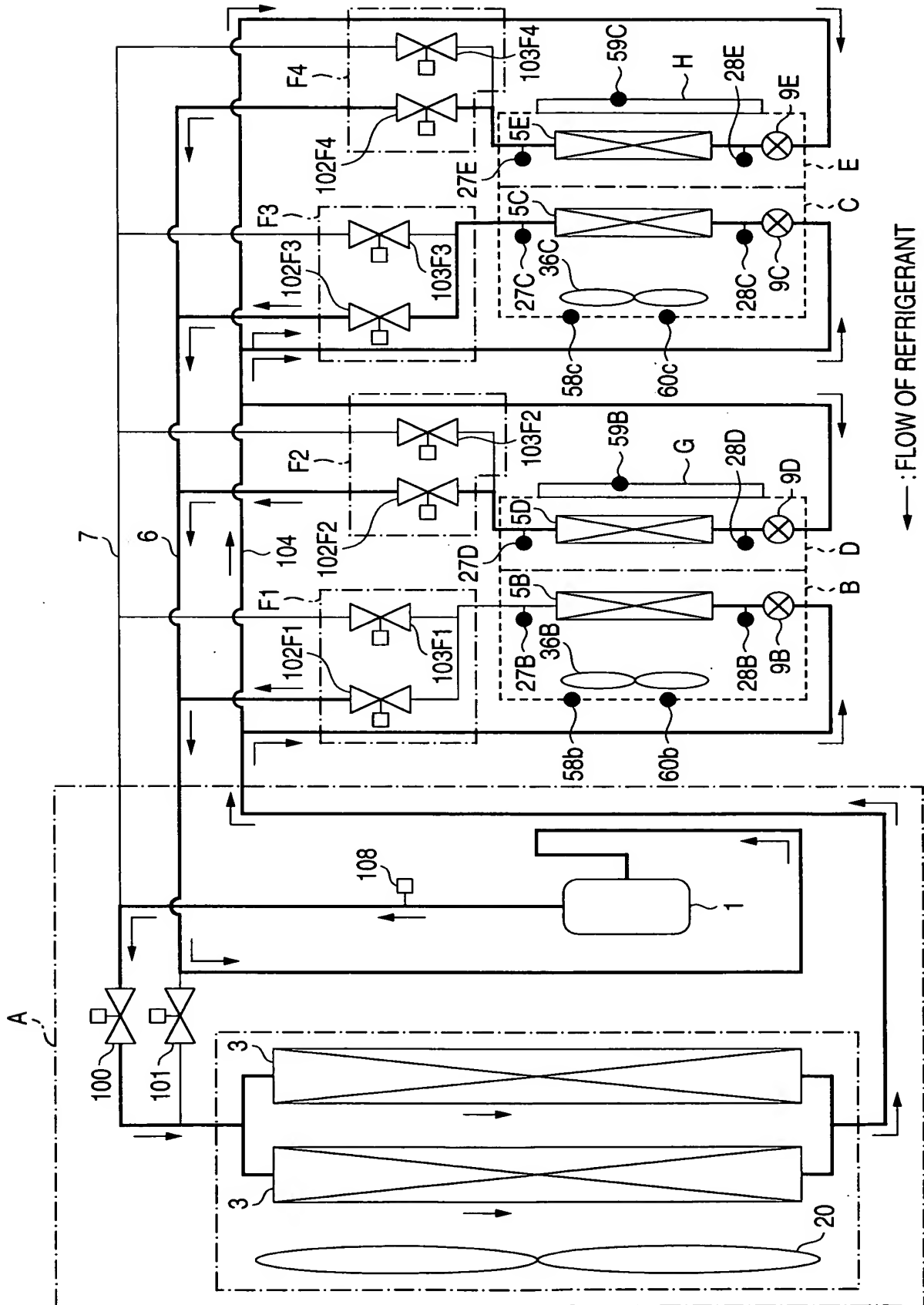
A: HEAT SOURCE DEVICE
B, C: STANDARD INDOOR UNIT
D, E: REHEATER
F1-F4: RELAY DEVICE
G, H: HUMIDIFIER
1: COMPRESSOR
3: HEAT SOURCE DEVICE HEAT EXCHANGER
5B, 5C: INDOOR HEAT EXCHANGER
5D, 5E: REHEATER HEAT EXCHANGER
6: FIRST CONNECTING PIPE
7: SECOND CONNECTING PIPE
9B-9E: FIRST FLOW CONTROLLER
20: HEAT SOURCE DEVICE BLOWER
27B-27E: FOURTH TEMPERATURE DETECTING MEANS
28B-28E: FIFTH TEMPERATURE DETECTING MEANS
36B, 36C: INDOOR UNIT FAN
58B, 58C: TEMPERATURE DETECTING MEANS
59B, 59C: THIRD DETECTING MEANS
60B, 60C: FOURTH TEMPERATURE DETECTING MEANS
100: FIRST REVERSING VALVE
101: SECOND REVERSING VALVE
102F1-102F4: THIRD REVERSING VALVE
103F1-103F4: FOURTH REVERSING VALVE
104: THIRD PIPE
108: PRESSURE SENSING MEANS

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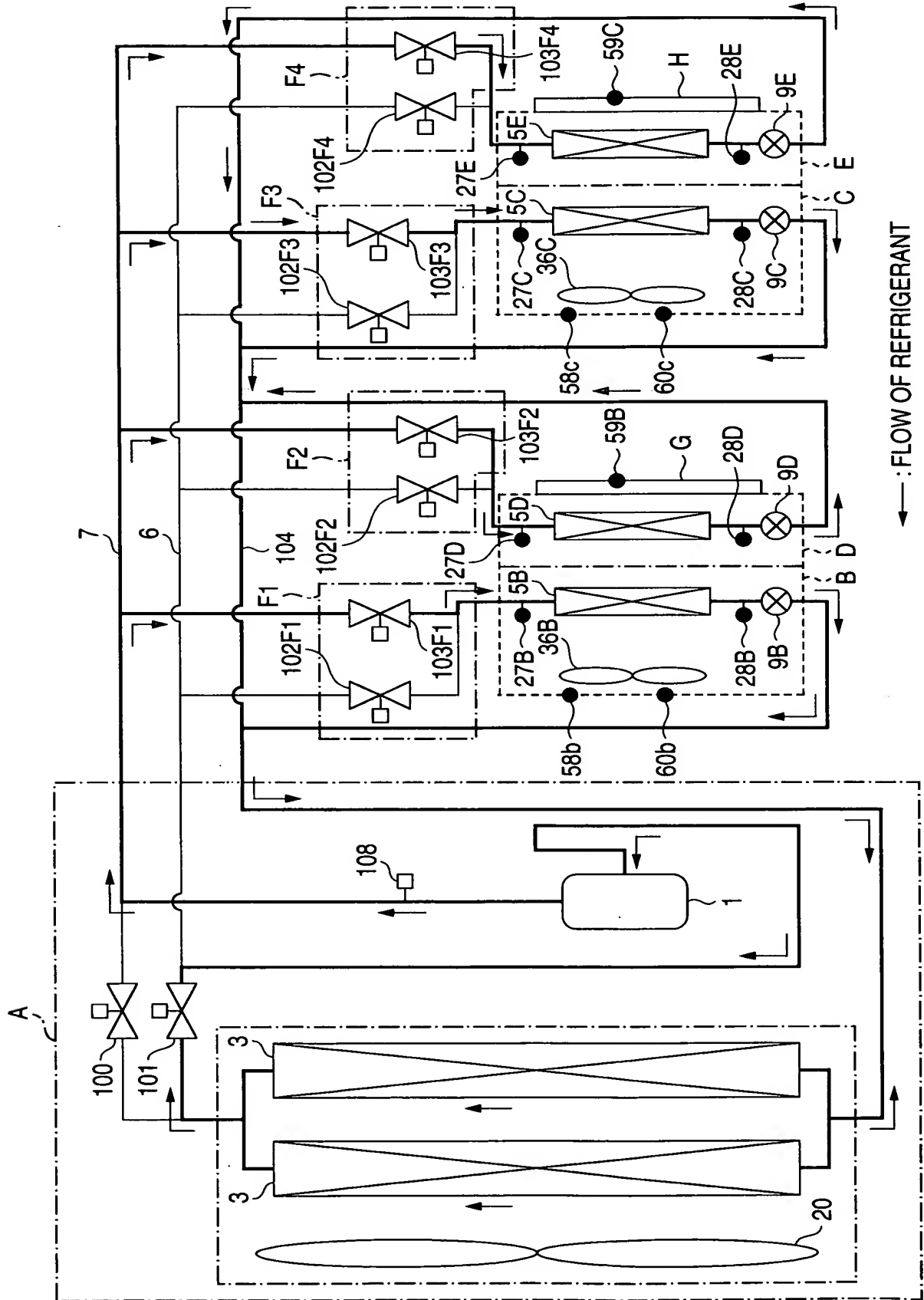
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FIG. 21



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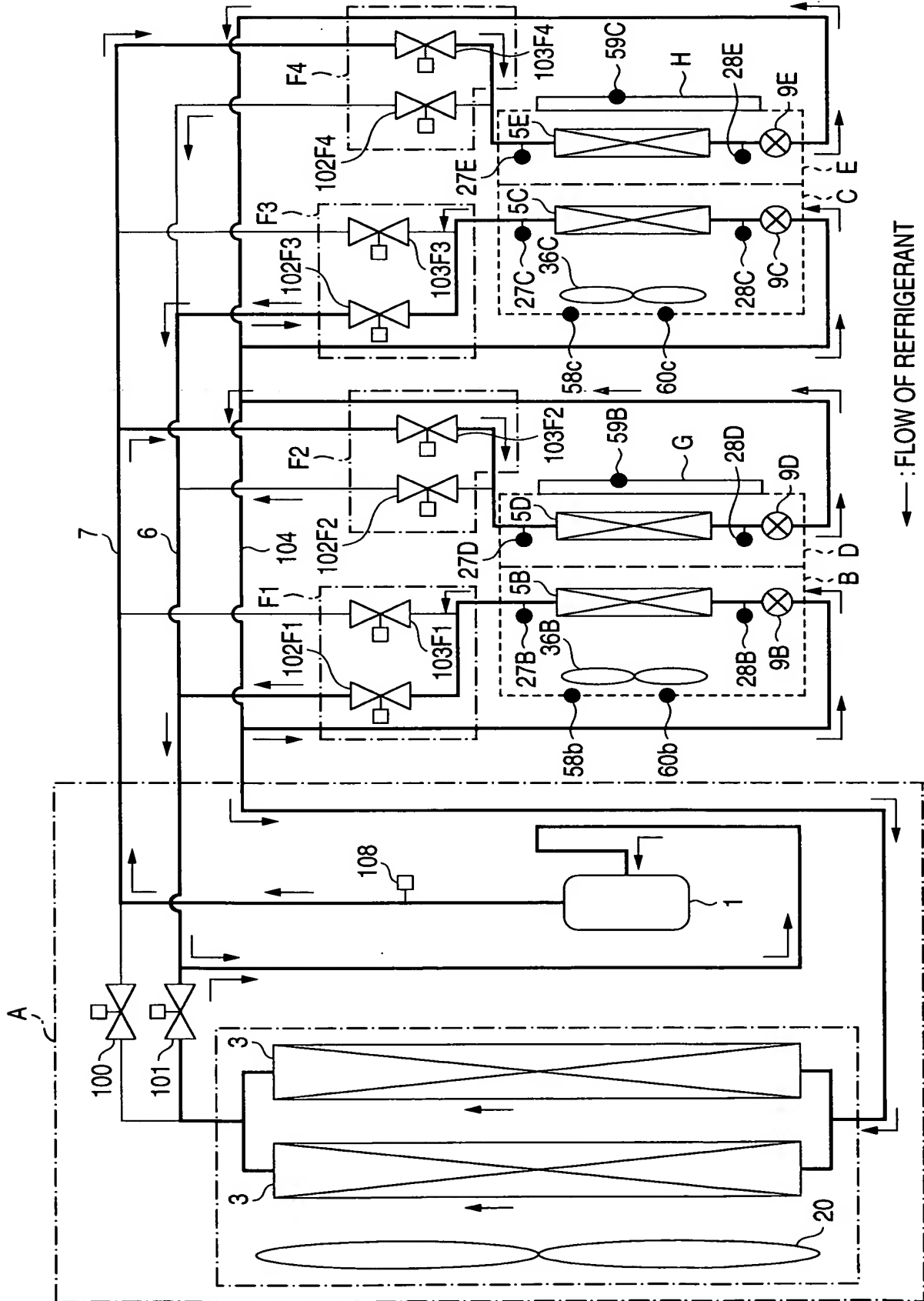
FIG. 22



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FIG. 23



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FIG. 24

